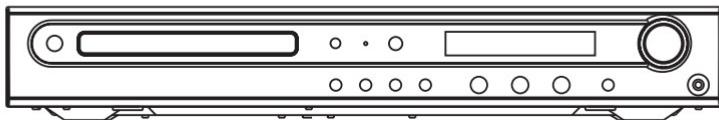


DENVER®

DVD / MP3 / CD HOME THEATER

DRS-1500



OPERATION MANUAL



mp3

PLEASE READ THE INSTRUCTION CAREFULLY BEFORE OPERATING THIS UNIT.

WARNING

To prevent fire or shock hazard, do not expose this appliance to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

IMPORTANT

Since the CD circuitry may cause interference to other radio tuners nearby, switch this unit off when not in use or move it away from the affected radio tuner.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

DANGER



LASER SAFETY

This unit employs an optical laser beam system in the CD mechanism, designed with built-in safeguards. Do not attempt to disassemble, refer to qualified service personnel. Exposure to this invisible laser light beam may be harmful to the human eye.

INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFATED. AVOID DIRECT EXPOSURE TO LASER BEAM.

THIS IS A CLASS-1 LASER PRODUCT. USE OF CONTROLS, OR ADJUSTMENTS OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS LASER LIGHT BEAM EXPOSURE.

**CLASS 1
LASER PRODUCT**

Getting Started

Before attempting to connect, operate or adjust this product, please read these instruction completely and keep this manual for future reference.

Dear customers :

May we take this opportunity to thank you for purchasing this DVD HOME THEATER.

We strongly recommend that you carefully study the operating instructions before operating the unit.

Main Features

- Front loading DVD / MP3 / CD player.
- Built-in Dolby Digital, Dolby Prologic Decoder.
- Built-in 5.1 Channel Amplifier.
- FM/MW tuner (can preset 20 radio stations) (load impedance : 75 ohm).
- With 5.1 Channel Speaker system (Micro Satellite Speakers x 5, Passive Sub woofer x 1)
- 2 Sets audio in (Audio only)
- Surround sound function
- Sleep mode

Standards

Video : NTSC or PAL

Audio : PCM (48 or 96 kHz), 5.1 Channel MPEG layer 2, Dolby AC-3 & dts line out,
3mm Stereo Headphone Jack

Features of audio specifications

-  DOLBY Digital 5.1 ch decoding output
- DTS (Digital Theater System) digital output
- Linear PCM output

Getting Started

Disc types

	Audio & Video	Disc size 12cm single side, single layer / single side, double layer PAL and NTSC DVD disc Playback time 135min / 240min max.
	Audio	Disc size 12cm / 8cm CD disc Playback time 74min/20min max.
MP3	Audio	MP3 format disc

* Player is CD-R, CD-RW compatible.

Note: CD-R, CD-RW Discs recorded with writing device can only be used when they are correctly treated.

Region Management Information

This DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this DVD Player, this DVD player cannot play that disc.

This Region number of this DVD player is



Disc maintenance

- Before playback, wipe the disc from the center hole toward the outer edge with a clean cloth.
- Never use benzene, thinner, cleaning fluid, static electricity prevention liquids or any other solvent.

Note : Dirty disc may cause bad picture.

Correct



Incorrect



From the center to the edge

Safety precautions

Warning

To avoid electrical shock, do not open the cabinet, refer servicing to qualified personnel only.



Warning

Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilt into the unit, serious damage could occur.



Warning

Do not expose this equipment to rain or moisture.



Warning

Do not block ventilation holes of the unit so that air can circulate freely.



Attention

If smoke, malodor or unrelated noise are emitted from the unit, turn off the power and disconnect the AC power cord.



Attention

Touching the unit is dangerous especially if during thunder.



Attention

When left unused for a long period of time, the unit should be unplugged from the household AC outlet.



Attention

Be sure to turn the unit off and disconnect the AC power cord before cleaning the unit surface. If the surface is dirty, wipe clean with a cloth which has been dipped in a weak soap and water solution and wrung out thoroughly, and then wipe again with a dry cloth.



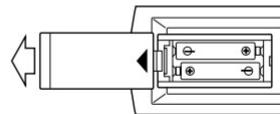
Note: This unit is a class 1 laser product and uses a visible laser beam which could cause hazardous radiation exposure if directed. Be sure to operate it correctly as instructed.

Getting Started

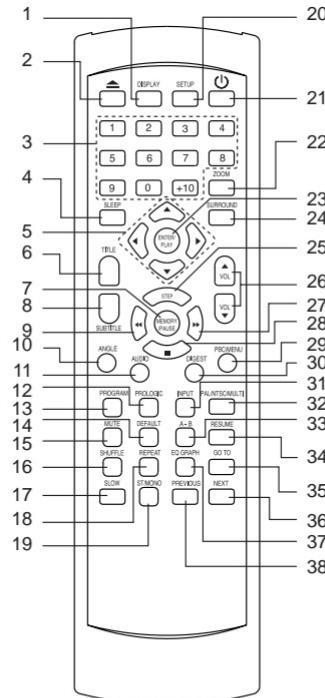
Battery installation (remote control unit)

1. Remove the battery cover.
2. Insert two batteries (AA, R6, UM-3 types) making sure the polarity (+/-) matches the marks inside the unit.
3. Replace the cover.
 - Do not attempt to recharge, short-circuit, disassemble, heat or throw the batteries into the fire.
 - Do not mix old and new batteries

Note : Weak batteries can leak and severely damage the remote control unit.



Remote Control Unit

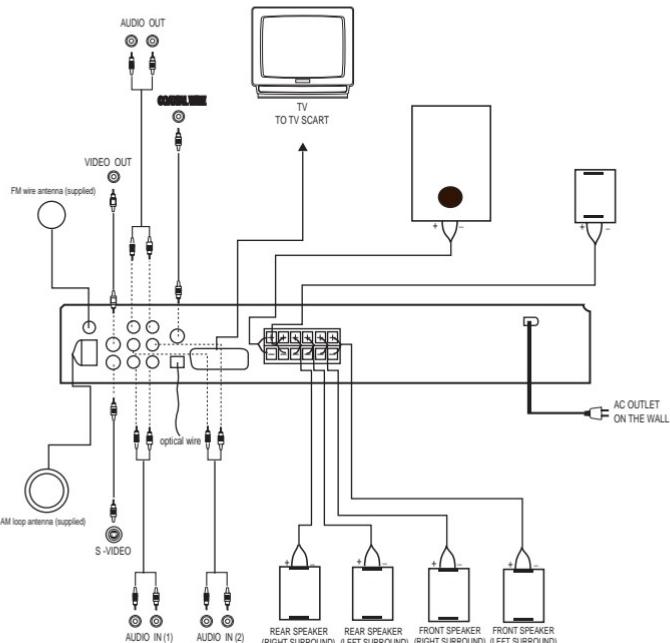


1. Display Button
2. Open/Close Button
3. Numeric Buttons
4. Sleep Button
5. Direction Buttons
(Up ▲ / Down ▼ / Left ▲ / Right ▾)
6. Title Button
7. Memory / Pause Button
8. Subtitle Button
9. Fast Backward Button
10. Angle Button
11. Audio Button
12. Prologic Button
13. Program Button
14. Default
15. Mute Button
16. Shuffle Button
17. Slow Button
18. Repeat Button
19. ST/Mono Button
20. Setup Button
21. Standby Button
22. Zoom Button
23. Enter / Play Button
24. Surround Button
25. Step Button
26. Volume Control
27. Fast Forward Button
28. Stop Button
29. PBC / Menu Button
30. Digest Button
31. Input Button
32. PAL/NTSC/MULTI Button
33. Repeat A - B Button
34. Resume Button
35. Go To Button
36. Next Button
37. EQ Graph Button
38. Previous Button

Getting Started

System Connection

Warning : Turn off the power and keep AC cord pulled out from the outlet when connecting the system.



Notes:

Antenna Connection

- To prevent noise pickup, keep the MW loop antenna away from the DVD Receiver and other component.
- Be sure to fully extend the FM wire antenna.
- After connecting the FM wire antenna, keep it as horizontal as possible.

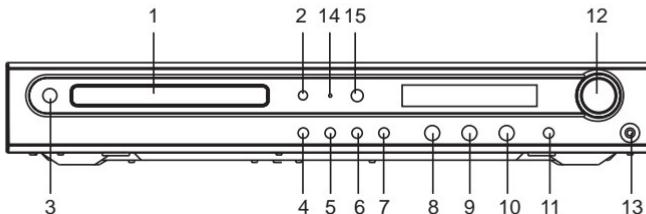
Speaker System Connection

- Be sure to match the speaker cord to the appropriate terminal on the components: + to + and - to -. If the cords are reversed, the sound will be distorted and will lack base.
- If you use front speakers with low maximum input rating, adjust the volume carefully to avoid excessive output on the speakers.
- Do not disassemble the front cover of supplied speaker.

Getting Started

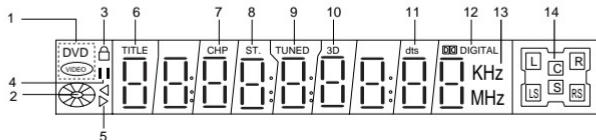
Front Panel Control

(Most of the function can be controlled by remote control unit.)



- | | |
|--------------------------------|----------------------------|
| 1. Disc Tray | 9. Play/Enter Button |
| 2. Open/Close Button | 10. Pause/Memory Button |
| 3. On/Standby Button | 11. Input Button |
| 4. Search Down / Tuning - | 12. Volume Control |
| 5. Search Up / Tuning + | 13. Phone Jack |
| 6. Skip Backward / CH - Button | 14. Standby / On Indicator |
| 7. Skip Forward / CH + Button | 15. Remote Sensor |
| 8. Stop/Band Button | |

VFD Display



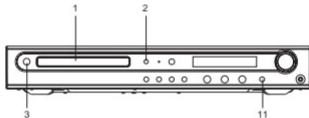
- | | |
|-----------------------------|--------------------------|
| 1. Disc Type Indicator | 8. ST. Indicator |
| 2. Play Mode Indicator | 9. Tuned Indicator |
| 3. Lock Indicator | 10. 3D Indicator |
| 4. Pause Indicator | 11. DTS Indicator |
| 5. Play Indicator | 12. Sound Mode Indicator |
| 6. Title Number | 13. KHz/MHz Indicator |
| 7. Chapter Number Indicator | 14. Speaker Indicator |

BASIC PLAYBACK

This section shows you the basics on how to playback a DVD Video Disc.

PREPARATION

- When you want to playback DVD video discs, turn on the TV and select the video input source connected to the DVD receiver.
- When you want to enjoy the sound of the DVD video discs or audio CDs from the audio system, turn on the audio system and select the input source connected to the DVD receiver.
- For connection details, see page 7.
- Set the playback picture size according to the aspect ratio of the connected TV at the SET-UP menu (TV Aspect).



1. Press STANDBY on the front panel or on the remote control.

The DVD receiver turn on and the display window lights.

2. Press INPUT on the front panel or remote control repeatedly until the CD/DVD appears in the display window.

3. Press OPEN/CLOSE or on the remote control, the disc tray opens.

- You can open/close the disc tray by pressing this button.

4. Place a disc on the disc tray with playback side down.

- There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD receiver the malfunction.
- Do not place anything except 3" disc or 5" discs on the disc tray.

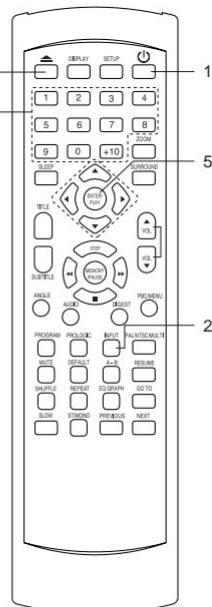
5. Press PLAY.

The disc tray is automatically close and playback begins.

- If the disc is placed in upside down (and it is a single sided disc), "NO DISC" or "DISC ERROR" appears on the TV screen.
- If insert an audio CD, it will auto start the title number does not appear.
- After playing back all of the chapters in the title, the DVD receiver automatically stops and returns to the title number.

6. Press the Numeric button(s) to select the desired item.

Play of the selected item now begins.



After operation

When the unit is not in use, remove the disc and press the remote control or STANDBY ON to turn off power.

SPECIAL PLAYBACK

STOP PLAY

Press STOP during playback. The first time return to Logo. Press RESUME can go on playing at the stop point. The second time is full stop.

RESUME PLAY

- When play is stopped, the unit records the point where STOP is pressed (RESUME function).
- Press PLAY and play will resume from that point.

OTHERS

- Resume function will be cleared when STOP is pressed on the stop mode.
- Resume function will be cleared when power is turned off and then on.
- Opening the disc tray cancels Resume function.
- The Resume function may not be available on some DVD discs and MP3 discs.

STILL PICTURE

Press PAUSE during playback.

- DVD
The DVD receiver will be placed in the still picture mode.
- CD
The DVD receiver will be placed in the pause mode.

FRAME ADVANCE (DVD only)

Press STEP during playback.

- DVD
(each time you press STEP, the picture advances one frame).
To resume normal playback, press PLAY.

Skip Chapters and Tracks Forward or Backward

Skip Forward

Press NEXT button or SKIP ►►I button during playback. A chapter (DVD) or a track (CD) is skipped each time the button is pressed.

Skip Backward

Press PREVIOUS button or SKIP I◀◀ button during playback.

- When the button is pressed once midway through a chapter/track, the DVD receiver returns to the start of the previous chapter/track.
- When it is pressed again, a chapter/track is skipped each time the button is pressed.

Scan at fast forward or fast backward playback

You can playback discs at various speeds.

- Press and hold fast backward ◀◀ or fast forward ►► button will fast scan the disc as below order.

CD and DVD Disc fast forward (backward) : -> 2X -> 4X -> 8X -> 16X -> normal

Playing in Slow-Motion (for DVD only)

- Press SLOW button during playback
The playback speed becomes : $\rightarrow 1/2 \rightarrow 1/4 \rightarrow 1/8 \rightarrow 1/16 \rightarrow$ normal of the normal speed.
 - To return to normal playback, press PLAY.
- Notes:
- The sound is muted during the slow-motion playback.
 - Subtitles do not appear on the screen during slow-motion playback.
 - The SLOW SCAN button do not work with Audio CDs.

DISPLAY

Press DISPLAY button during playback

- First press the DISPLAY, the TV appear as :

Title	Elapsed	
TT 04/55	CH 01/01	0:01:39

- Second time press the DISPLAY

Title	Remain	
TT 04/55	CH 01/01	0:01:11

- Third time press the DISPLAY

Chapter	Elapsed	
TT 04/55	CH 01/01	0:01:58

- Fourth time press the DISPLAY

Chapter	Remain	
TT 04/55	CH 01/01	0:01:08

- Fifth time press the DISPLAY, it will clear the display, the screen return to normal.

CHANGING SUBTITLE LANGUAGE

It is possible to change the subtitle language to a different language from the one selected at the initial settings.

This operation works only with discs on which multiple subtitle language are recorded.

Note:

- In some cases, the subtitle language is not changed to the selected one immediately.
- When a disc supporting the closed caption is played, the subtitle and the closed caption may overlap each other on the TV screen. In this case, turn the subtitle off.
- When the desired language is not selected even after pressing the button several times, it means that the language is not available on the disc.
- When the power is turned on or the disc is removed, subtitles appears in the language selected at the initial settings. If this language is not recorded on the disc, the disc's priority language appears.

1. Press SUBTITLE during playback

When no subtitle are recorded, "OFF" will be displayed instead of the language number.

2. Press SUBTITLE repeatedly until the desired languge is selected.

Number of the subtitle language being played back is shown.

To eliminated the On Screen Subtitles

Press SUBTITLE repeatedly to select OFF at step 2.

CHANGING AUDIO SOUNDTRACK LANGUAGE

It is possible to change the audio soundtrack language (or encoding method, channel number) to a different language from the one selected at the initial settings in case of DVD disc. This operation works only with discs on which multiple audio soundtrack languages are recorded. And it is possible to change the audio channel.

Notes:

- When the desired language is not selected even after pressing the button several times, it means this language is not available on the disc.
- When the power is turned on or the disc is removed the language heard is the one selected at the initial settings. If this language is not recorded on the disc, only the available language on the disc will be heard.
- Some discs may not respond to Audio feature.

DVD/CD

1. Press AUDIO during play.

Number of the audio soundtrack language being placed back.

2. Press AUDIO repeatedly until the desired language (or encoding method, channel number) is selected.

CHANGING SCENES

Some DVDs may contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scene can be viewed from each of these different angles using the ANGLE button. (The recorded angles differ depending on the disc used.)

Notes:

- This function only works for discs having scenes recorded at different angles.

1. Press ANGLE during playback

Number of the angle being played back.

2. Press ANGLE repeatedly until the desired angle is selected.

For your reference

- The ANGLE indicator will blink in the display window at scenes recorded at different angles to indicate that angle switching is possible.

REPEAT PLAY

Repeating viewing (listening)

1. Press REPEAT during playback

Each time this button is pressed. The TV screen changes as shown below and the disc will repeat a chapter or title (DVD) or a track (CD)

DVD

Repeat Chapter → Repeat Title → Repeat All → normal play

CD

Repeat Track → Repeat All → Repeat off

Repeating sections between two specific points (A-B repeat)

2. Press REPEAT A-B during play at the point where repeat play is to start (A).
3. Press REPEAT A-B during play at the point where repeat play is to be concluded (B).
Repeat play of the selection between points A and B starts.

To return to normal play

Press REPEAT A-B once "OFF" is displayed.

ZOOM FEATURES

The Zoom feature allows you to "ZOOM-IN" and enlarge the picture on the screen to 2 times (x 2), 3 times (x 3) or 4 times (x 4) than its normal size.

1. Press ZOOM during normal playback or still playback.
Each time you press ZOOM, it is changed as the following order:
ZOOM 2 times → 3 times → 4 times → normal
2. Press ZOOM during normal playback or still playback.
3. If you press ▲ / ▼ / ◀ / ▶ buttons, the Zoom point shifts.
4. Press ZOOM during normal playback or still playback.

PROGRAM PLAY

The receiver plays the tracks on the disc in the order you specify.

1. Press PROGRAM, the screen appears the program screen.

When playing DVD

Program : TT (55) / CH (- -)	
01	TT: CH: 06
:	:
:	:
05	10
EXIT	STOP
NEXT	

When playing CD

Program Track (01 - - 10)	
01	06
:	:
:	:
05	10
EXIT	STOP
NEXT	

2. Move ▲ / ▼ / ◀ / ▶ to the 1~10 position input the title number and chapter number in case of DVD / CD input the track number.
3. Move ▲ / ▼ / ◀ / ▶ to start and enter, then begin to play on the program turned.
4. If you want to clear the program memory, you can enter to the program menu, and press STOP.

MP3 Play

1. PLAY MP3 DISC

- Load MP3 disc

The MP3 menu is displayed and play automatically.

- Press ▲ / ▼ button to move the yellow bar to the track, and press ENTER.
- The track number and current page only be changed by moving the ▲ / ▼ button.
- When press next, the previous track will play next track.

2. Repeat

- Press REPEAT button the screen will show:

first time repeat one → repeat folder → folder (repeat off)

3. Shuffle

- Press SHUFFLE, the MP3 track will be played at the shuffle mode.

SLEEP

Press the SLEEP button once, it will power off automatically in 10 minutes. It can reach to 120 minutes at most.

SURROUND FUNCTION

1. When play CD, press the SURROUND button the song tone will change by this turn:

CONCERT → LIVING ROOM → HALL → BATHROOM → CAVE → ARENA → CHURCH

2. When play DVD, press the SURROUND button the song will reverb by this turn:

ROCK → POP → LIVE → DANCE → TECHNO → CLASSIC → SOFT

RADIO STATION PRESETTING

1. Press INPUT button

Press INPUT button until the FM or MW appear in the display window.

2. Each time you press FM/MW, FM and MW change in an alternate order. Press the STOP button to change the band.

3. Press and hold TUNING / SEARCH **◀◀ or **▶▶** for about two seconds until the frequency indication starts to change, then release.**

4. Press MEMORY/PAUSE on the front panel or PBC/MENU button on the remote control. A preset number will flash in the display window.

5. Press the numeric button(s), to select the desired track number.

6. Repeat steps 3 to 5 to store other stations.

LISTENING TO THE RADIO

Press radio stations in the DVD receiver's memory first (see "Radio station presetting")

1. Press INPUT button

Press the INPUT button until the FM or MW appear in the display window.

2. Each time you press FM/MW, FM and MW change in an alternate order.

3. Press CH/ SKIP **◀◀ or **▶▶** button or numeric button to select the preset station you want.**

To listen to non-preset radio stations

- Use manual tuning, press TUNING/SEARCH $\blacktriangleleft\blacktriangleright$ or $\blacktriangleright\blacktriangleright$ button.
- Use automatic tuning, press and hold TUNING/SEARCH $\blacktriangleleft\blacktriangleright$ or $\blacktriangleright\blacktriangleright$ button for 2 seconds.

To turn off the radio

Press POWER to turn the DVD receiver off or select another function mode (DVD/CD) by press INPUT button.

SETTING UP MENU

Once the initial settings have been completed, the DVD receiver can always be operated under the same conditions (especially with DVD discs). The settings will be retained in the memory until they are changed, even if the power is off.

1. Press SETUP in the stop or playback mode. The SETUP menu is display.
2. Press $\blacktriangleup\blacktriangledown$ / $\blacktriangleleft\blacktriangleright$ button to select, and press ENTER button to enter the main page.
The SETUP menu operation can set up the general, speaker, audio, preferences and password.

To exit SETUP menu

Press $\blacktriangleleft\blacktriangleright$ button to select "EXIT SETUP" to exit the main page.

GENERAL SETUP

- Press $\blacktriangleup\blacktriangledown$ button to select GENERAL PAGE and press ENTER.
The left is the main catalog, the right is the children catalog.
- Press $\blacktriangleleft\blacktriangleright$ button to enter the children catalog and press ENTER to confirm.

1. Setup the TV DISPLAY

- Select NORMAL/PS, the TV playback in FULL size, but it will lose the up, down and left, right angles.
- Select NORMAL/L2, the TV playback in normal complete picture.
- Select WIDE, the TV playback in FULL size, but it will lose the left, right angles.

-- GENERAL PAGE --	
TV DISPLAY	\blacktriangleright NORMAL/PS
ANGLE MARK	NORMAL/L2
OSD LANG	WIDE
CAPTIONS	
SCR SAVER	

2. Setup ANGLE MARK

- Some DVD disc is recorded by serval video camera from the different angles to take. When playback, can select the one of the angle to see.
 - ON, open the angle
 - OFF, close the angle
- The disc must have the angle mark, the set up can work.

-- GENERAL PAGE --	
TV DISPLAY	\blacktriangleright ON
ANGLE MARK	OFF
OSD LANG	
CAPTIONS	
SCR SAVER	

3. Set up the OSD LANG

- You can select the TV display language.

-- GENERAL PAGE --	
TV DISPLAY	
ANGLE MARK	
OSD LANG	ENGLISH
CAPTIONS	FRENCH
SCR SAVER	GERMAN
	SPANISH
	DANISH
	SWEDISH

4. Set up CAPTIONS

- ON, open the CAPTIONS
- OFF, close the CAPTIONS

-- GENERAL PAGE --	
TV DISPLAY	
ANGLE MARK	
OSD LANG	
CAPTIONS	ON
SCR SAVER	OFF

5. Setup SCR SAVER

- When no disc or playback stop some time, the unit will automatic open the Screen Saver function. This time the screen will become black, only the DVD pattern move on the screen. This function is to protect the TV screen long time display will be hurt.
- ON, open the SCR SAVER.
- OFF close the SCR SAVER.

-- GENERAL PAGE --	
TV DISPLAY	
ANGLE MARK	
OSD LANG	
CAPTIONS	
SCR SAVER	ON
	OFF

AUDIO SETUP

- Press ▲ / ▼ button to select AUDIO SET UP and press ENTER. The left is the main catalog, the right is the children catalog.
- Press ◀ / ▶ button to enter the children catalog and press ENTER to confirm.

1. SPEAKER SET UP

- Press ▲ / ▼ button to select AUDIO SET UP and press ENTER. The left is the main catalog, the right is the children catalog.
- Press ◀ / ▶ button to enter the children catalog and press ENTER to confirm.

-- AUDIO SETUP PAGE --	
SPEAKER SETUP	DNMIX
DOLBY DIGITAL	FRONT SPEAKER
CHANNEL DELAY	CENTER SPEAKER
EQUALIZER	REAR SPEAKER
3D PROCESSING	SUBWOOFER

Setup DNMIX MODE

- LT/RT

When the playback disc with the PROLOGIC DOLBY stereo, select this item, through this unit's decode system, you can enjoy effect in your room similiar as in the movie theater.

-- SPEAKER SETUP PAGE --	
DNMIX	LT/RT
FRONT SPEAKER	STEREO
CENTER SPEAKER	V SURR
REAR SPEAKER	OFF
SUBWOOFER	

- STRERO

When source is two channel, the video output is the common stereo signal. When source is 5.1 channel, only output the left and right 2 channel signal.

- V SURR

Surround sound.

- OFF

Close the DOWNMIX.

- You can select the 5.1 channel ON or OFF by the Center, Rear, Subwoofer, Item ON/OFF.

If all items ON, you can enjoy 5.1 channel.

-- SPEAKER SETUP PAGE --

DOWNMIX	
FRONT SPEAKER	▷
CENTER SPEAKER	
REAR SPEAKER	
SUBWOOFER	

-- SPEAKER SETUP PAGE --

DOWNMIX	
FRONT SPEAKER	
CENTER SPEAKER	▷
REAR SPEAKER	
SUBWOOFER	

-- SPEAKER SETUP PAGE --

DOWNMIX	
FRONT SPEAKER	
CENTER SPEAKER	
REAR SPEAKER	▷
SUBWOOFER	

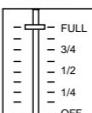
-- SPEAKER SETUP PAGE --

DOWNMIX	
FRONT SPEAKER	
CENTER SPEAKER	
REAR SPEAKER	
SUBWOOFER	▷

ON
OFF

-- AUDIO SETUP PAGE --

SPEAKER SETUP	
DOLBY DIGITAL	▷
CHANNEL DELAY	
EQUALIZER	
3D PROCESSING	



-- AUDIO SETUP PAGE --

SPEAKER SETUP	
DOLBY DIGITAL	
CHANNEL DELAY	0cm
EQUALIZER	
3D PROCESSING	



2. Setup DOLBY DIGITAL

- Select the DOLBY output level off is the maximum output.

3. Setup CHANNEL DELAY

4. Setup EQUALIZER

Setup Equalizer can adjust sound quality including BASS, SUPPER BASS and TREBLE.

-- EQUALIZER PAGE --

BASS BOOST	ON
SUPPER BASS	OFF
TREBLE BOOST	

-- EQUALIZER PAGE --

BASS BOOST	
SUPPER BASS	ON
TREBLE BOOST	OFF

-- EQUALIZER PAGE --

BASS BOOST	
SUPPER BASS	
TREBLE BOOST	ON
	OFF

5. Setup 3D PROCESSING

- Setup PROLOGIC II

You can select the PROLOGIC II decoder ON/OFF.

-- AUDIO SETUP PAGE --

SPEAKER SETUP	
DOLBY DIGITAL	
CHANNEL DELAY	
EQUALIZER	
3D PROCESSING	PROLOGIC II

-- 3D PROCESSING PAGE --

PROLOGIC II	ON
	OFF

VIDEO SETUP

1. Setup COMPONENT

- Select OFF, the R.G.B. signals will not come out.
- Select RGB, the signals will come out, then the video mode change to scart mode.

-- VIDEO SETUP PAGE --	
CVBS	OFF
RGB	RGB
QUALITY	

2. Setup TV MODE

- Select INTERLACE, the RGB output format is interlace.
- Select P-SCAN, the RGB output format is non-interlace.

-- VIDEO SETUP PAGE --	
CVBS	
RGB	INTERLACE
QUALITY	P-SCAN

3. Setup QUALITY

- Select this function can adjust video quality, including SHARPNESS, BRIGHTNESS and CONTRAST.

-- VIDEO SETUP PAGE --	
COMPONENT	
TV MODE	
QUALITY	SHARPNESS
	BRIGHTNESS
	CONTRAST

VIDEO QUALITY SETUP

1. SHARPNESS

- Select the menu, when you press Δ / ∇ / \leftarrow / \rightarrow button can adjust the SHARPHNESS level.

-- VIDEO SETUP PAGE --	
SHARPNESS	HIGH
BRIGHTNESS	MEDIUM
CONTRAST	LOW

2. BRIGHTNESS

- Select submenu of BRIGHTNESS can adjust the value by pressing \leftarrow / \rightarrow .

-- VIDEO SETUP PAGE --	
SHARPNESS	
BRIGHTNESS	00
CONTRAST	

3. CONTRAST

- Select submenu of CONTRAST can adjust the value by pressing \leftarrow / \rightarrow .

-- VIDEO SETUP PAGE --	
SHARPNESS	
BRIGHTNESS	
CONTRAST	00

PREFERENCE SETUP

- Press ▲ / ▼ button to select PREFERENCES SETUP and press ENTER. The left is main catalog, the right is the children catalog.
- Press ◀ / ▶ button to enter the children catalog and press ENTER to confirm.

1. Setup TV TYPE

- If the TV set is PAL, please select PAL.
- If the TV set is MULTI, please select MULTI.
- If the TV set is NTSC, please select NTSC.
- The unit will output the TYPE you select.

-- PREFERENCE PAGE --	
TV TYPE	▷ PAL
AUDIO	MULTI
SUBTITLE	NTSC
DISC MENU	
PARENTAL	
DEFAULT	

2. Setup the AUDIO

- The audio set up allows access to the audio languages available on the disc.

For example, if the disc has English and French audio format available, you can only select English or French.

-- PREFERENCE PAGE --	
TV TYPE	
AUDIO	▷ ENGLISH
SUBTITLE	FRENCH
DISC MENU	GERMAN
PARENTAL	SPANISH
DEFAULT	DANISH
	SWEDISH

3. Setup the SUBTITLE

- Select the sub-title languages available on current DVD title.

-- PREFERENCE PAGE --	
TV TYPE	
AUDIO	
SUBTITLE	▷ ENGLISH
DISC MENU	FRENCH
PARENTAL	GERMAN
DEFAULT	SPANISH
	DANISH
	SWEDISH
	OFF

4. Setup the DISC MENU

- Select the disc menu subtitle languages as available on current DVD title.

-- PREFERENCE PAGE --	
TV TYPE	
AUDIO	
SUBTITLE	
DISC MENU	▷ ENGLISH
PARENTAL	FRENCH
DEFAULT	GERMAN
	SPANISH
	DANISH
	SWEDISH

5. Setup the PARENTAL

- When playback with the parent lock function disc, can use the PARENTAL to control and with the password (password: 1234)

-- PREFERENCE PAGE --

TV TYPE
AUDIO
SUBTITLE
DISC MENU
PARENTAL
DEFAULT

▷ 1 KID SAF
2 G
3 PG
4 PG13
5 PGR
6 R
7 NC17
8 ADULT

6. Setup the DEFAULTS

- If you do not want to save all of the set up by yourself, select it. The DVD receiver will resume the deference of just leave the factory.
On SETUP Menu, press "DEFAULT" button on remote, the operation is same as above.

-- PREFERENCE PAGE --

TV TYPE
AUDIO
SUBTITLE
DISC MENU
PARENTAL
DEFAULT

▷ RESET

PASSWORD SETUP

- Change setup the new password, first enter "CHANGE", and appear the change menu, input the original "1234", move to the new pass, input the new password and press ENTER to confirm. If you select the password on, that you can change the parental will ask for password.

-- PASSWORD SETUP PAGE --

PASSWORD MODE
ON
PASSWORD
OFF

-- PASSWORD SETUP PAGE --

PASSWORD MODE
CHANGE
PASSWORD

TROUBLE SHOOTING

Check the following guide for the possible cause of a problem before contacting service.

Symptom	Cause	Correction
No Power	<ul style="list-style-type: none"> The power cord is disconnected. 	<ul style="list-style-type: none"> Plug the power cord into the wall outlet and unit securely.
The power is on, but DVD player does not work	<ul style="list-style-type: none"> No disc is inserted. 	<ul style="list-style-type: none"> Insert a disc. (Check that the DVD or audio CD indicator in the DVD display is lit.)
No Picture	<ul style="list-style-type: none"> The TV is not set to receive DVD signal output. The video cable is not connected securely. The connected TV power is turned off. The DVD has selected P-SCAN mode, TV does not support. 	<ul style="list-style-type: none"> Select the appropriate video input mode on the TV so the picture from the DVD player appears on the TV screen. Connect the video cable into the jacks securely. Turn on the TV. Select TV to P-SCAN mode or enter DVD to setup mode and press DEFAULT button on the remote
No Sound	<ul style="list-style-type: none"> The equipment connected with the audio cable is not set to receive DVD signal output. The audio cable is not connected securely. The power of the equipment connected with the audio cable is turned off. The Digital Audio Output is set to the wrong position. 	<ul style="list-style-type: none"> Select the correct input mode of the audio receiver so you can listen to the sound from the DVD player. Connect the audio cable into the jacks securely. Turn on the equipment connected with the audio cable. Set the Digital audio Output to the correct position, then turn on the DVD player again by pressing the POWER button.
The playback picture is poor	<ul style="list-style-type: none"> The disc is dirty. 	<ul style="list-style-type: none"> Clean the disc.
The DVD player does not start playback	<ul style="list-style-type: none"> No disc is inserted. An unplayable disc is inserted. The disc is placed upside down. The disc is not placed with the guide. The disc is dirty. A menu is on the TV screen. The Rating level is set. 	<ul style="list-style-type: none"> Insert a disc Insert a playable disc. (Check the disc type, color system and Regional code.) Place the disc with the playback side down. Place the disc on the disc tray correctly inside the guide. Clean the disc. Press the SET UP button to turn off the menu screen. Cancel the Rating function or change the rating level.
The Remote Control does not work properly	<ul style="list-style-type: none"> The remote control is not pointed at the remote sensor of the DVD player. The remote control is too far from the DVD player. There is an obstacle in the path of the remote control and the DVD player. The batteries in the remote control are exhausted. 	<ul style="list-style-type: none"> Point the remote control at the remote sensor of the DVD player. Operate the remote control within about 23ft (7m). Remove the obstacle. Replace the batteries with new ones.

SPECIFICATION

GENERAL

Power source	AC 230V 50Hz
Power consumption	120W
Mass	3.8Kg
External dimensions (WxHxD)	430 X 354 x 60 mm
Operating conditions	Temperature: 5°C to 35°C
Operation status	Horizontal
Operating humidity	5% to 90%

CD/DVD

Laser	Semiconductor laser, wavelength 650nm
Signal system	Pal 650/50, NTSC 525/60
Frequency response (audio)	4Hz to 20 KHz
Signal to noise ratio (audio)	More than 90dB (1KHz, NOP, 20KHz LPF/A-Filter)
Dynamic range (audio)	More than 95dB
Harmonic distortion (audio)	0.2% (1KHz, at 12W position)

VIDEO

Video output	1.0V (p-p), 75 ohm, negative sync., RCA jack
S-Video output	(Y) 1.0V (p-p), negative sync., Mini DIN 4-pin x 1
	(C) 0.3V (p-p), 75 ohm

TUNER

Tuning Range (FM)	87.5 - 108.0 MHz
Intermediate Frequency (FM)	10.7 MHz
Signal to noise Ratio (FM)	50dB
Frequency Response	150 - 1200 Hz
Tuning Range (MW)	522 - 1620 kHz
Intermediate Frequency (MW)	450 kHz

AMPLIFIER

Stereo mode	15W + 15W (4 ohm)
Surround mode	Front : 15W + 15W (4 ohm) Center : 15W (4 ohm) Surround : 15W + 15W (4 ohm) Subwoofer : 25W (6 ohm)
Inputs	Audio

SPEAKERS

Type	Satelite Speaker	Super Woofer
Impedance	1 Way 5 Speaker	1 Way 1 Speaker
Frequency Response	4 ohm	6 ohm
Sound Pressure Level	120 - 20000Hz	20Hz - 300Hz
Rated Input Power	84 dB/W (1m)	
Max. Input Power	15W	25W
Net Dimension (WxHxD)	30W	50W
	91x105x140mm	170x243x291mm

* Design and specification are subject to change without notice.

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